

Title (en)  
METHOD AND APPARATUS FOR ON-DEMAND POWER MANAGEMENT

Title (de)  
VERFAHREN UND VORRICHTUNG ZUR STROMVERWALTUNG AUF BEDARF

Title (fr)  
PROCEDE ET DISPOSITIF DE GESTION DE PUISSANCE A LA DEMANDE

Publication  
**EP 1836544 A4 20100505 (EN)**

Application  
**EP 05826483 A 20051205**

Priority  
• US 2005044052 W 20051205  
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Abstract (en)  
[origin: US2006136770A1] A method for on-demand power management monitors a processing demand in a processing system operating at a first set of voltages and frequencies and generates a second set of voltages and frequencies in response to the processing demand. The method switches from the first set of voltages and frequencies to the second set of voltages and frequencies without halting the processing system.

IPC 8 full level  
**G06F 1/32** (2006.01); **G06F 1/08** (2006.01)

CPC (source: EP KR US)  
**G06F 1/04** (2013.01 - KR); **G06F 1/08** (2013.01 - EP US); **G06F 1/26** (2013.01 - KR); **G06F 1/32** (2013.01 - KR); **G06F 1/3203** (2013.01 - EP US); **G06F 1/324** (2013.01 - EP US); **G06F 1/329** (2013.01 - EP US); **G06F 1/3296** (2013.01 - EP US); **Y02D 10/00** (2017.12 - EP US)

Citation (search report)  
• [XAI] US 6515530 B1 20030204 - BOERSTLER DAVID W [US], et al  
• [XP] EP 1544717 A2 20050622 - VIA TECH INC [TW]  
• [IA] WO 0217052 A2 20020228 - INTEL CORP [US], et al  
• [A] US 6806755 B1 20041019 - SIMMONDS ALAN CHRISTOPHER [US]  
• [A] US 5774701 A 19980630 - MATSUI SHIGEZUMI [JP], et al  
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• [A] US 2003065960 A1 20030403 - RUSU STEFAN [US], et al  
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Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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